IN THE CLAIMS

Please amend the claims as follows.

CLAIMS

13. (amended) A solid support for analytical measurement methods which comprises an inert solid support material on which hydrophilic measurement zones are ~~separated from one another by at least one non-continuous~~ each surrounded by a hydrophobic ~~coating~~ zone and wherein ~~the~~ hydrophilic discontinuities separate the ~~non-continuous hydrophobic coating into separate~~ hydrophobic zones ~~surrounding the hydrophilic measurement zones~~ from one another, and where the number of measurement points applied per cm^2 of the support is greater than or equal to 10.

14. A solid support as claimed in claim 13, wherein the hydrophilic measurement zones applied to the support are separated from one another by non-continuous hydrophobic zones in the forms of rings.

15. A support as claimed in claim 13, wherein the support material used is glass, ceramic, quartz, metal, stone, plastic, rubber, silicaon or porcelain.

16. A support as claimed in claim 13, wherein a transparent support material selected from the group consisting of glass, quartz, silicon or plastic is used.

17. An analytical measurement method which comprises applying liquid analysis samples in the hydrophilic measurement zones of a support as claimed in claim 13, overlaying the hydrophilic measurement zones with a hydrophobic liquid and performing the analysis.

18. An analytical measurement method as claimed in claim 17, wherein the analytical measurement is carried out in an atmosphere which is virtually

saturated with water vapor.

19. An analytical measurement method as claimed in claim 17, wherein the analytical measurement is carried out while cooling the support.

20. The analytical measurement method of claim 17 adapted for diagnostic methods, screening of active substances, combinatorial chemistry, crop protection, toxicology or environmental protection.

21. A solid support as claimed in claim 13, wherein an additional surface loading is applied to the hydrophilic measurement zones.